# ABSTRACT OF SANITARY REPORTS.

VOL. V. WASHINGTON, D. C., DECEMBER 26, 1890. No. 52.

[Published at the Marine-Hospital Bureau in accordance with act of Congress of April 29, 1878.]

## UNITED STATES.

### SPECIAL REPORTS.

*Cholera—Transshipment of wool from infected districts.*

The acting United States vice-consul at Beirut, Syria, reports that on October 23 the English steamer *Arcadia* loaded 70 bales of unwashed wool, marked B B, destined for Boston, Mass., *via* Liverpool.

*Leprosy.*

A few of the more typical cases of leprosy in the Leper Hospital in Havana, Cuba, have been photographed and are now on exhibition at this Bureau. These photographs, together with those sent by the consul at Maracaibo, form a complete collection, which health officers may consult at their convenience.

*Small-pox.*

Under date of December 4, the United States consul at Piedras Negras, Mexico, reported to the State Department that small-pox had greatly increased there. The consul states that it is epidemic, and that he counted eighteen yellow flags in the immediate vicinity of the consulate.

*Reports of States, and yearly and monthly reports of cities.*

IOWA—*Dubuque.*—Month of November, 1890. Population 35,000. Total deaths, 24, including phthisis pulmonalis, 1; diphtheria and croup, 3; and enteric fever, 1.

KENTUCKY—*Louisville.*—Month of November, 1890. Population, 227,000. Total deaths, 203, including phthisis pulmonalis, 47; enteric fever, 14; scarlet fever, 7; and diphtheria, 8.

MICHIGAN.—Week ended December 13, 1890. Reports to the State board of health, Lansing, from 60 observers, indicate that bronchitis,

typho-malarial fever, cholera infantum, puerperal fever, membranous croup, inflammation of brain, and tonsilitis increased, and that typhoid fever, diphtheria, cholera morbus, inflammation of kidney, and scarlet fever decreased in area of prevalence.

Diphtheria was reported present during the week at 27 places, scarlet fever at 45 places, enteric fever at 17 places, and measles at 8 places.

MINNESOTA—*Minneapolis.*—Month of November, 1890. Population, 164,738. Total deaths, 189, including phthisis pulmonalis, 20; enteric fever, 12; diphtheria, 18; measles, 1; whooping-cough, 1.

MISSOURI—*St. Louis.*—Month of November, 1890. Population, 460,000. Total deaths, 576, including phthisis pulmonalis, 108; enteric fever, 16; diphtheria, 15; croup, 14; scarlet fever, 5; and whooping-cough, 1.

RHODE ISLAND.—Month of November, 1890. Reports from 22 cities and towns, having an aggregate population of 311,452, show a total of 362 deaths, including phthisis pulmonalis, 57; enteric fever, 11; diphtheria, 10; scarlet fever, 2; and whooping-cough, 2.

TENNESSEE—*Chattanooga.*—Month of November, 1890. Population, 40,000. Total deaths, 55, including enteric fever, 2; diphtheria, 2; and croup, 4.

*Publications received.*

Eleventh biennial report of the State board of health of California, Sacramento, 1890.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

| Cities. | Week ended. | Estimated population. | Total deaths from all causes. | Deaths from— | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Cholera. | Yellow fever. | Small-pox. | Varioloid. | Varicella. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping-cough. |
| New York, N. Y. | Dec. 20 | 1,654,648 | 731 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | 11 | 37 | 15 | 5 |
| Chicago, Ill. | Dec. 20 | 1,100,000 | 451 | ..... | ..... | ..... | ..... | ..... | ..... | 17 | 8 | 23 | 8 | 6 |
| Philadelphia, Pa. | Dec. 13 | 1,064,277 | 405 | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 10 | 22 | 1 | ..... |
| Boston, Mass. | Dec. 20 | 446,507 | 184 | ..... | ..... | ..... | ..... | ..... | ..... | 5 | ..... | 8 | ..... | ..... |
| Cincinnati, Ohio | Dec. 19 | 300,000 | 100 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 3 | 10 | ..... | ..... |
| Washington, D. C. | Dec. 13 | 250,000 | 103 | ..... | ..... | ..... | ..... | ..... | ..... | 6 | ..... | 6 | ..... | ..... |
| Pittsburgh, Pa. | Dec. 16 | 240,000 | 89 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | 9 | ..... | ..... |
| Newark, N. J. | Dec. 20 | 192,979 | 89 | ..... | ..... | ..... | ..... | ..... | ..... | 4 | ..... | 1 | ..... | 1 |
| Providence, R. I. | Dec. 20 | 132,043 | 54 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 1 | ..... | ..... |
| Richmond, Va. | Dec. 13 | 100,000 | 40 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| Toledo, Ohio | Dec. 19 | 82,652 | 20 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 2 | ..... | ..... |
| Nashville, Tenn. | Dec. 20 | 76,309 | 23 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... |
| Fall River, Mass. | Dec. 20 | 75,000 | 21 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| Binghamton, N. Y. | Dec. 20 | 35,000 | 5 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| San Diego, Cal. | Dec. 13 | 16,000 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Pensacola, Fla. | Dec. 13 | 15,000 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

*Table of temperature and rain-fall, week ended December* 19, 1890.

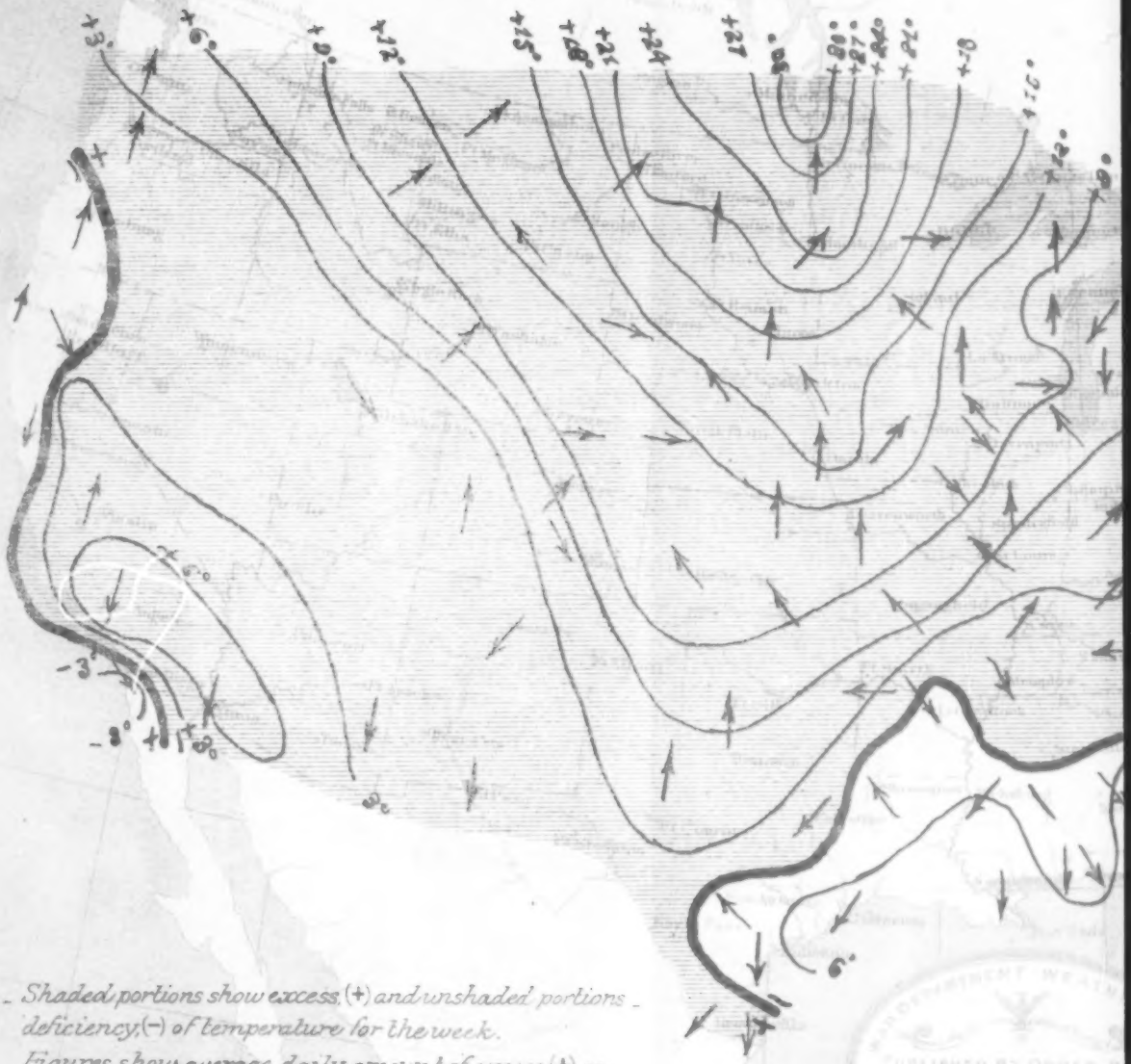
[Received from War Department, Signal Office.]

| Locality. | Mean temperature in degrees Fahrenheit. | | | Rain-fall in inches and hundredths. | | |
|---|---|---|---|---|---|---|
| | Normal. | Excess. | Deficiency. | Normal. | Excess. | Deficiency. |
| **New England States:** | | | | | | |
| Eastport, Me | 23 | | 32 | .94 | | .36 |
| Portland, Me | 22 | | 18 | .73 | .67 | |
| Boston, Mass | 30 | | 17 | .80 | .51 | |
| Block Island, R. I | 33 | 10 | | .91 | .25 | |
| **Middle Atlantic States:** | | | | | | |
| Albany, N. Y | 27 | | 5 | .58 | .38 | |
| New York, N. Y | 33 | | 1 | .73 | 1.19 | |
| Philadelphia, Pa | 34 | | 3 | .59 | .33 | |
| Atlantic City, N. J | 35 | 3 | | .98 | .38 | |
| Baltimore, Md | 37 | 2 | | .69 | .50 | |
| Washington City | 36 | 5 | | .69 | 1.12 | |
| Lynchburg, Va | 39 | | 1 | .86 | 2.28 | |
| Norfolk, Va | 42 | | 12 | .90 | | .19 |
| **South Atlantic States:** | | | | | | |
| Charlotte, N. C | 42 | | 17 | 1.19 | | .21 |
| Wilmington, N. C | 48 | | 24 | .84 | | .72 |
| Charleston, S. C | 51 | | 33 | .83 | | .67 |
| Augusta, Ga | 47 | | 22 | .85 | | .65 |
| Savannah, Ga | 53 | | 48 | .80 | | .50 |
| Jacksonville, Fla | 56 | | 31 | .75 | | .50 |
| Key West, Fla | 70 | | 18 | .40 | | .40 |
| **Gulf States:** | | | | | | |
| Atlanta, Ga | 44 | | 23 | 1.20 | | .66 |
| Pensacola, Fla | 52 | | 11 | 1.16 | | 1.00 |
| Mobile, Ala | 51 | | 12 | 1.06 | | 1.06 |
| Montgomery, Ala | 49 | | 17 | 1.16 | | 1.16 |
| Vicksburg, Miss | 50 | | 21 | 1.23 | | 1.23 |
| New Orleans, La | 55 | | 24 | 1.10 | | 1.10 |
| Shreveport, La | 49 | | 12 | 1.15 | | 1.15 |
| Fort Smith, Ark | 39 | 27 | | .56 | | .56 |
| Little Rock, Ark | 43 | | 7 | 1.01 | | 1.01 |
| Palestine, Tex | 47 | 16 | | .70 | | .70 |
| Galveston, Tex | 57 | | 22 | 1.04 | | .98 |
| San Antonio, Tex | 54 | | 5 | .41 | | .37 |
| Corpus Christi, Tex | 57 | | 20 | .70 | | .70 |
| Brownsville, Tex | 61 | 11 | | .46 | | .46 |
| Rio Grande City, Tex | 57 | 10 | | .25 | | .25 |
| **Ohio Valley and Tennessee:** | | | | | | |
| Memphis, Tenn | 42 | 3 | | .88 | | .88 |
| Nashville, Tenn | 40 | | 3 | .84 | | .80 |
| Chattanooga, Tenn | 41 | 3 | | 1.20 | | .94 |
| Knoxville, Tenn | 37 | | 7 | 1.02 | | .54 |
| Louisville, Ky | 36 | 25 | | .98 | | .66 |
| Indianapolis, Ind | 31 | 32 | | .76 | | .33 |
| Cincinnati, Ohio | 35 | 13 | | .84 | | .77 |
| Columbus, Ohio | 30 | 27 | | .86 | | .48 |
| Pittsburgh, Pa | 32 | 13 | | .64 | 2.00 | |
| **Lake Region:** | | | | | | |
| Oswego, N. Y | 29 | | 36 | .81 | | .71 |
| Rochester, N. Y | 27 | | 4 | .66 | | .51 |
| Buffalo, N. Y | 28 | 1 | | .77 | | .67 |
| Erie, Pa | 30 | 6 | | .78 | | .63 |
| Cleveland, Ohio | 29 | 28 | | .52 | | .52 |
| Sandusky, Ohio | 31 | 17 | | .63 | | .41 |
| Toledo, Ohio | 29 | 27 | | .58 | | .36 |
| Detroit, Mich | 27 | 23 | | .62 | | .51 |
| Port Huron, Mich | 24 | 40 | | .55 | | .45 |
| Alpena, Mich | 21 | 43 | | .54 | | .49 |
| Marquette, Mich | 19 | 69 | | .48 | | .28 |
| Grand Haven, Mich | 27 | 48 | | .57 | | .49 |
| Milwaukee, Wis | 22 | 70 | | .43 | | .38 |
| Chicago, Ill | 27 | 56 | | .51 | | .41 |
| Duluth, Minn | 14 | 120 | | .29 | | .29 |
| **Upper Mississippi Valley:** | | | | | | |
| St. Paul, Minn | 15 | 111 | | .29 | | .28 |
| La Crosse, Wis | 20 | 73 | | .28 | | .08 |
| Davenport, Iowa | 25 | 69 | | .37 | | .27 |
| Des Moines, Iowa | 22 | 104 | | .34 | | .34 |
| Dubuque, Iowa | 23 | 58 | | .42 | | .32 |
| Keokuk, Iowa | 27 | 74 | | .49 | | .49 |
| Springfield, Ill | 29 | 52 | | .66 | | .56 |
| Cairo, Ill | 37 | 15 | | .80 | | .68 |
| St. Louis, Mo | 33 | 41 | | .55 | | .47 |

*Table of temperature and rain-fall, week ended December* 19, 1890—Continued.

| Locality. | Mean temperature in degrees Fahrenheit. | | | Rain-fall in inches and hundredths. | | |
|---|---|---|---|---|---|---|
| | Normal. | Excess. | Deficiency. | Normal. | Excess. | Deficiency. |
| **Missouri Valley:** | | | | | | |
| Kansas City, Mo | 30 | 79 | | .35 | | .35 |
| Springfield, Mo | 33 | 55 | | .35 | | .35 |
| Concordia, Kan | 30 | 69 | | .14 | | .14 |
| Omaha, Nebr | 24 | 107 | | .24 | | .24 |
| Yankton, Dak | 21 | 110 | | .16 | | .16 |
| Valentine, Nebr | 24 | 92 | | .09 | | .09 |
| Huron, Dak | 19 | 96 | | .07 | | .07 |
| **Extreme Northwest:** | | | | | | |
| Moorhead, Minn | 6 | 176 | | .14 | | .14 |
| Saint Vincent, Minn | 3 | 205 | | .14 | | .14 |
| Bismarck, Dak | 14 | 132 | | .18 | | .18 |
| Buford, Fort, Dak | 11 | 151 | | .19 | | .19 |
| **Rocky Mountain Slope:** | | | | | | |
| Assinniboine, Fort, Mont | 23 | 91 | | .14 | | .14 |
| Helena, Mont | 23 | 65 | | .28 | | .20 |
| Custer, Fort, Mont | 22 | 90 | | .22 | | .22 |
| Rapid City, Dak | 23 | 104 | | .07 | | .07 |
| Salt Lake City, Utah | 34 | 14 | | .32 | | .32 |
| Cheyenne, Wyo | 27 | 66 | | .04 | | .04 |
| North Platte, Nebr | 26 | 72 | | .16 | | .16 |
| Dodge City, Kans | 32 | 70 | | .17 | | .17 |
| Sill, Fort, Ind. T | 38 | 51 | | .43 | | .43 |
| Santa Fé, N. Mex | 30 | 14 | | .18 | | .18 |
| **Pacific Coast:** | | | | | | |
| Olympia, Wash | 40 | 28 | | 2.17 | | .39 |
| Portland, Oreg | 41 | 11 | | 1.89 | | 44 |
| Roseburg, Oreg | 42 | | 2 | 1.45 | | .67 |
| Red Bluff, Cal | 47 | | 16 | 1.14 | 42 | |
| Sacramento, Cal | 47 | | 35 | .91 | | .51 |
| San Francisco, Cal | 51 | | 12 | 1.07 | | .65 |
| Los Angeles, Cal | 55 | 45 | | .73 | | .49 |
| San Diego, Cal | 56 | 30 | | .47 | | .47 |
| Yuma, Ariz | 56 | 46 | | .09 | | .09 |

# Temperature and Prevailing Direction of
# December 19th 1890.

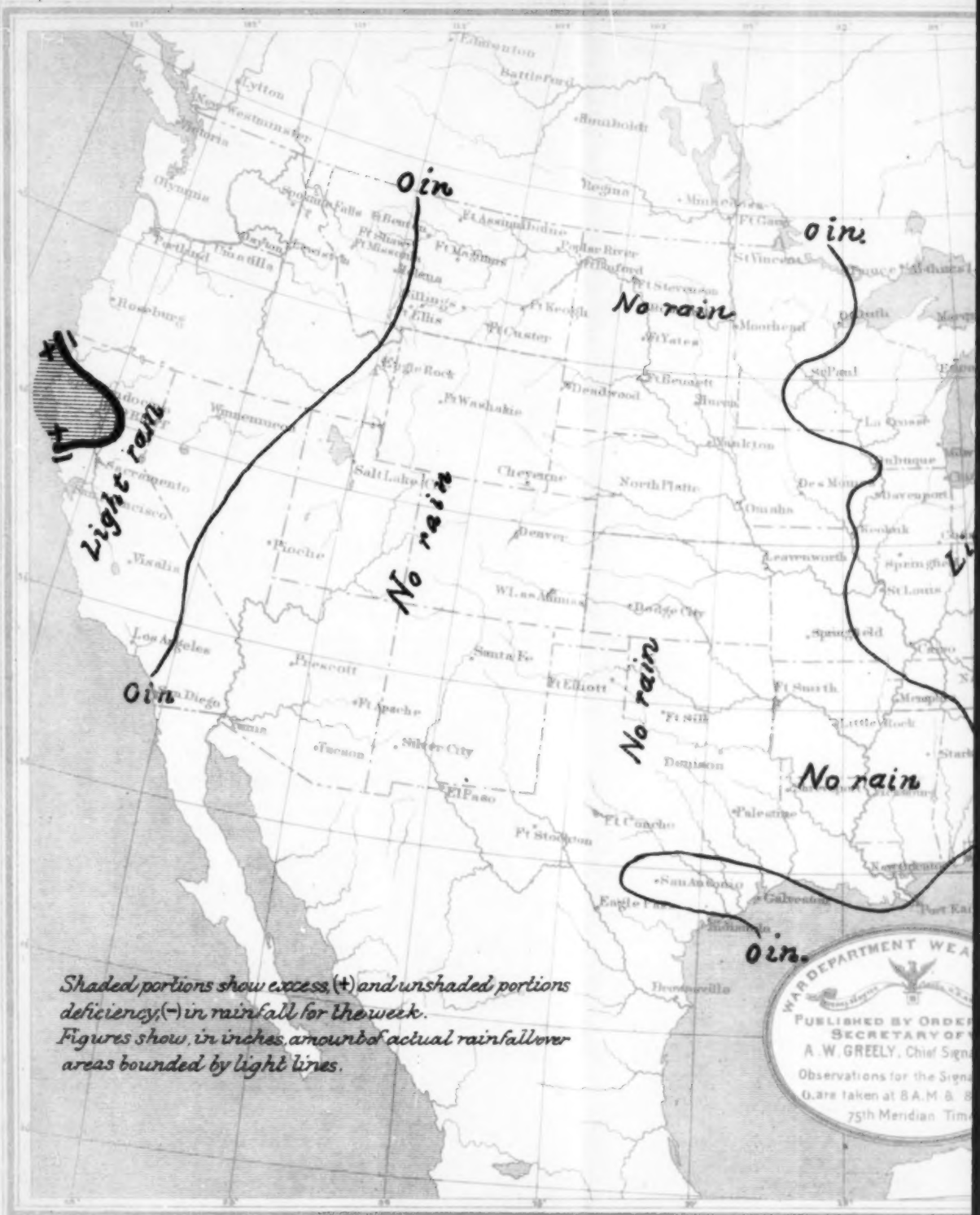



Shaded portions show excess, (+) and unshaded portions deficiency, (−) of temperature for the week.
Figures show average daily amount of excess, (+) or deficiency, (−) in temperature over areas bounded by light lines.

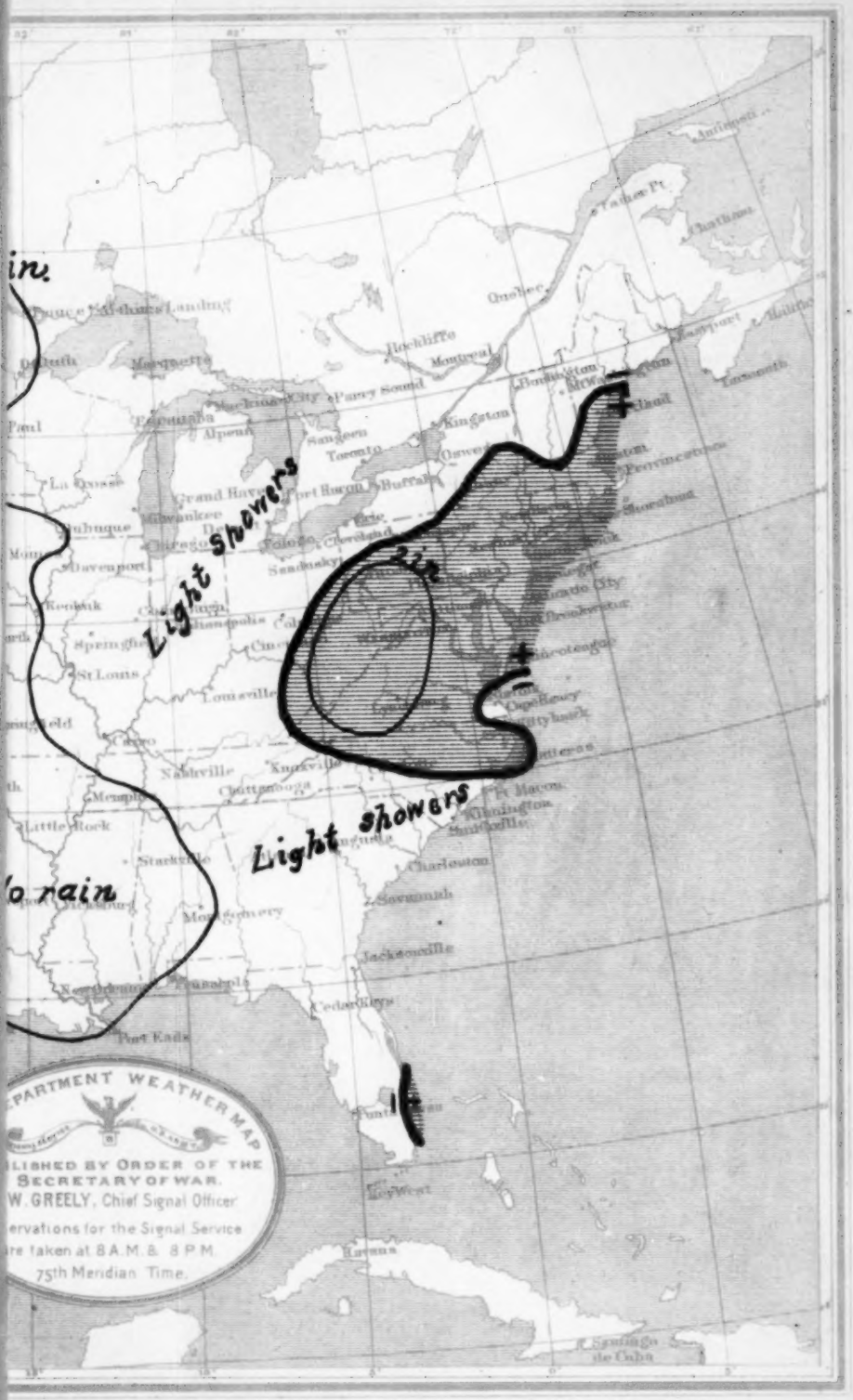
ction of Wind, week ending
th 1890.

# Rainfall, week ending Decembe

Form 106 F



December 19th 1890.



## FOREIGN.

(Reports received through the Department of State and other channels.)

GREAT BRITAIN—*England and Wales.*—The deaths registered in 28 great towns of England and Wales during the week ended December 6 corresponded to an annual rate of 21.5 a thousand of the aggregate population, which is estimated at 9,715,559. The lowest rate was recorded in Brighton, viz, 16.0, and the highest in Halifax, viz, 29.9 a thousand. Diphtheria caused 5 deaths in Salford, 6 in Manchester, 2 in Birmingham, 3 in Portsmouth, and 2 in Liverpool.

*London.*—One thousand seven hundred and thirty-three deaths were registered during the week, including measles, 91; scarlet fever, 28; diphtheria, 41; whooping-cough, 28; enteric fever, 16; typhus fever, 1; and diarrhœa and dysentery, 4. The deaths from all causes corresponded to an annual rate of 20.2 a thousand. Diseases of the respiratory organs caused 444 deaths. In greater London 2,226 deaths were registered, corresponding to an annual rate of 20.2 a thousand of the population. In the "outer ring" the deaths included measles, 42; diphtheria, 11; fever, 5; and whooping-cough, 10.

*Ireland.*—The average annual death rate, represented by the deaths registered during the week ended December 6, in the 16 principal town districts of Ireland, was 25.6 a thousand of the population. The lowest rate was recorded in Dundalk, viz, 4.4, and the highest in Lurgan, viz, 51.3 a thousand. In Dublin and suburbs 201 deaths were registered, including enteric fever 4 and whooping-cough 4.

*Scotland.*—The deaths registered in eight principal towns during the week ended December 6 corresponded to an annual rate of 22.1 a thousand of the population, which is estimated at 1,345,563. The lowest mortality was recorded in Edinburgh, viz, 18.2, and the highest in Paisley, viz, 21.1 a thousand. The aggregate number of deaths registered from all causes was 571, including measles, 11; scarlet fever, 10; diphtheria, 9; whooping-cough, 20; fever, 4; diarrhœa, 10; and croup and laryngitis, 9.

FRANCE—*Marseilles.*—Month of November, 1890. Population, 375,378. Total deaths, 118, including small-pox, 62; enteric fever, 36; diphtheria and croup, 109; measles, 7; and whooping-cough, 1.

CUBA—*Havana.*—The United States sanitary inspector sends the following mortality report, dated December 13, 1890:

There were 125 deaths in this city during the week ending December 11. Although there were approximately 4 new cases of yellow fever

during that period, there were no deaths from that disease, but there was 1 death from so-called pernicious fever, 1 from paludal fever, and 4 from diphtheria and croup. The weather continues cool and pleasant.

NETHERLANDS.—Month of September, 1890. Reports from the 12 principal cities, having an aggregate population of 928,905, show a total of 1,819 deaths, including typhus and enteric fevers, 10; scarlet fever, 1; measles, 37; croup, 12; diptheria, 21; and whooping-cough, 33.

TURKEY IN ASIA—*Cholera.*—The following report has been received from the United States consul at Beirut, Syria, dated November 18, 1890:

In continuation of previous despatches upon the subject of cholera, I have the honor to embody herewith an English translation of a circular received this day from the Beirut sanitary office, which reads as follows:

"The quarantine already established between Tripoli in Syria and Mersine has been extended to and includes Selefké, since the 16th instant."

Mersine has hitherto been exempt from quarantine regulations which now appear to have been extended about one degree southwest of that city, including Selefké a small seaport on the Mediterranean.

| | *Cases.* | *Deaths.* |
|---|---|---|
| *Hama, Syria.*—Week ended November 22, 1890 | 0 | 1 |
| *Homs, Syria.*—Week ended November 22, 1890 | — | 113 |

## MORTALITY TABLE, FOREIGN CITIES.

| Cities. | Week ended. | Estimated population. | Total deaths from all causes. | Deaths from— Cholera. | Yellow fever. | Small-pox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping-cough. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| London | Nov. 22 | 5,758,500 | 2,134 | ..... | ..... | ..... | ..... | 23 | 31 | 47 | 116 | ..... |
| London | Nov. 29 | 5,758,500 | 1,929 | ..... | ..... | ..... | ..... | 12 | 36 | 62 | 97 | ..... |
| Paris | Nov. 29 | 2,260,945 | 904 | ..... | ..... | ..... | ..... | 13 | 2 | 33 | 16 | 5 |
| Vienna | Nov. 22 | 800,120 | 319 | ..... | ..... | 3 | 1 | ..... | 2 | 15 | 2 | ..... |
| Vienna | Nov. 29 | 800,120 | 365 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Warsaw | Nov. 22 | 755,852 | 199 | ..... | ..... | 2 | ..... | 2 | 5 | 12 | ..... | ..... |
| Liverpool | Nov. 22 | 613,463 | 220 | ..... | ..... | ..... | 1 | 3 | 11 | ..... | ..... | ..... |
| Glasgow | Dec. 6 | 545,678 | 238 | ..... | ..... | ..... | ..... | 2 | ..... | 4 | ..... | ..... |
| Brussels | Nov. 29 | 469,459 | 191 | ..... | ..... | ..... | ..... | 2 | 1 | ..... | ..... | ..... |
| Hamburg | Nov. 22 | 455,000 | 238 | ..... | ..... | ..... | ..... | 1 | 1 | 5 | ..... | ..... |
| Calcutta | Nov. 1 | 433,219 | 214 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Calcutta | Nov. 8 | 433,219 | 203 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Buda Pesth | Dec. 3 | 422,377 | 35 | ..... | ..... | ..... | ..... | ..... | 7 | 18 | ..... | ..... |
| Rome | Dec. 2 | 417,392 | 139 | ..... | ..... | ..... | ..... | 4 | ..... | 3 | ..... | ..... |
| Amsterdam | Nov. 29 | 406,402 | 153 | ..... | ..... | ..... | ..... | 3 | ..... | 8 | ..... | ..... |
| Lyons | Nov. 29 | 401,930 | 145 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... |
| Copenhagen | Nov. 29 | 312,387 | 118 | ..... | ..... | ..... | ..... | 2 | 3 | 7 | ..... | ..... |
| Leipsig | Dec. 6 | 305,479 | 102 | ..... | ..... | ..... | ..... | ..... | 4 | 5 | 2 | ..... |
| Munich | Nov. 22 | 298,000 | 150 | ..... | ..... | ..... | ..... | ..... | 4 | 7 | ..... | ..... |
| Munich | Nov. 29 | 298,000 | 141 | ..... | ..... | ..... | ..... | 1 | ..... | 9 | ..... | ..... |
| Cologne | Nov. 29 | 286,560 | 106 | ..... | ..... | ..... | 1 | ..... | ..... | 2 | 5 | 1 |
| Barcelona | Dec. 5 | 272,000 | 193 | ..... | ..... | 2 | ..... | 10 | ..... | 5 | ..... | ..... |
| Edinburgh | Nov. 29 | 271,135 | 80 | ..... | ..... | ..... | 1 | 30 | 75 | 16 | ..... | ..... |
| Palermo | Dec. 29 | 250,000 | 107 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... |
| Lisbon | Nov. 8 | 242,297 | *121 | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... |
| Antwerp | Nov. 29 | 232,418 | 142 | ..... | ..... | ..... | ..... | 2 | ..... | 1 | ..... | ..... |
| Belfast | Nov. 29 | 232,222 | 112 | ..... | ..... | ..... | 1 | 7 | 1 | 1 | ..... | ..... |
| Bristol | Nov. 29 | 232,248 | 71 | ..... | ..... | ..... | ..... | 3 | 10 | 3 | ..... | ..... |
| Rotterdam | Dec. 6 | 203,472 | 89 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Prague | Nov. 29 | 188,992 | 109 | ..... | ..... | 3 | ..... | 4 | 4 | 5 | ..... | ..... |
| Genoa | Nov. 29 | 180,621 | 93 | ..... | ..... | ..... | 2 | ..... | ..... | 1 | ..... | ..... |
| Frankfort-on-the-Main | Nov. 22 | 170,733 | 47 | ..... | ..... | ..... | ..... | 1 | ..... | 5 | ..... | ..... |
| Frankfort-on-the-Main | Nov. 29 | 170,733 | 42 | ..... | ..... | ..... | ..... | 1 | 1 | 4 | ..... | ..... |
| Trieste | Nov. 22 | 158,054 | 58 | ..... | ..... | ..... | ..... | ..... | ..... | 5 | ..... | ..... |
| Trieste | Nov. 29 | 158,054 | 46 | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... |
| Hanover | Nov. 22 | 155,000 | 47 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... |
| Ghent | Nov. 29 | 152,395 | 68 | ..... | ..... | ..... | ..... | ..... | 3 | ..... | 1 | 4 |
| Christiania | Nov. 29 | 143,300 | 41 | ..... | ..... | ..... | ..... | ..... | 5 | 7 | ..... | ..... |
| Nuremberg | Nov. 29 | 131,161 | 79 | ..... | ..... | ..... | ..... | 1 | ..... | 3 | 9 | ..... |
| Stuttgart | Nov. 29 | 125,510 | 38 | ..... | ..... | ..... | ..... | ..... | ..... | 5 | ..... | ..... |
| Stuttgart | Dec. 6 | 125,510 | 42 | ..... | ..... | ..... | ..... | ..... | ..... | 5 | ..... | ..... |
| Bremen | Nov. 22 | 124,000 | 51 | ..... | ..... | ..... | ..... | ..... | 1 | 1 | ..... | ..... |
| Bremen | Nov. 29 | 124,000 | 39 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... |
| Stettin | Nov. 29 | 116,000 | 40 | ..... | ..... | ..... | ..... | 1 | ..... | 5 | ..... | ..... |
| Havre | Nov. 29 | 112,074 | 48 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... |
| Aix-la-Chapelle | Nov. 30 | 111,006 | 39 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Aix-la-Chapelle | Dec. 7 | 111,006 | 34 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Catania | Nov. 30 | 103,000 | 63 | ..... | ..... | ..... | ..... | 1 | 1 | 1 | ..... | ..... |
| Mannheim | Nov. 29 | 100,000 | 18 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Leghorn | Nov. 30 | 94,423 | ..... | ..... | ..... | ..... | ..... | 3 | ..... | 1 | ..... | ..... |
| Zurich | Nov. 22 | 91,323 | 20 | ..... | ..... | ..... | 1 | ..... | 2 | 7 | ..... | 6 |
| Zurich | Nov. 29 | 91,323 | 12 | ..... | ..... | ..... | 2 | ..... | 3 | 1 | ..... | ..... |
| Messina | Nov. 30 | 79,971 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... |
| Leith | Nov. 29 | 78,538 | 27 | ..... | ..... | ..... | 1 | ..... | ..... | 1 | ..... | ..... |
| Mayence | Nov. 22 | 70,000 | 22 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Mayence | Nov. 29 | 70,000 | 27 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Jerez de la Frontera | Nov. 22 | 61,708 | 42 | ..... | ..... | 7 | 1 | 1 | ..... | ..... | ..... | ..... |
| Jerez de la Frontera | Nov. 29 | 61,708 | 38 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... |
| Trapani | Nov. 29 | 43,095 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Cienfuegos | Dec. 7 | 41,191 | 19 | ..... | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Cienfuegos | Dec. 14 | 41,191 | 8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Marsala | Nov. 29 | 40,131 | 14 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Cape Town | Nov. 18 | 36,000 | 18 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Barranquilla | Nov. 9 | 30,000 | 13 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Barranquilla | Nov. 16 | 30,000 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Barranquilla | Nov. 23 | 30,000 | 9 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Cardenas | Dec. 7 | 25,000 | 10 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Cardenas | Dec. 14 | 25,000 | 14 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Girgenti | Nov. 29 | 23,547 | 10 | ..... | ..... | ..... | 1 | ..... | ..... | 1 | ..... | ..... |
| Vera Cruz | Dec. 11 | 23,800 | 33 | ..... | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Licata | Nov. 29 | 19,000 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... |
| Victoria, B. C | Dec. 6 | 18,500 | 8 | ..... | ..... | ..... | ..... | 10 | ..... | ..... | ..... | ..... |

## MORTALITY TABLE, FOREIGN CITIES—CONTINUED.

| Cities. | Week ended. | Estimated population. | Total deaths from all causes. | Deaths from— | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Cholera. | Yellow fever. | Small-pox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping-cough. |
| Gibraltar | Nov. 30 | 18,381 | 16 | | | | | | | 2 | | |
| Cartagena | Nov. 22 | 16,000 | 10 | | | | | | | | | |
| Cartagena | Nov. 29 | 16,000 | 14 | | | | | | | | | |
| Hamilton, Bermuda | Dec. 4 | 15,700 | 1 | | | | | | | | | |
| Hamilton, Bermuda | Dec. 11 | 15,700 | 3 | | | | | | | | | |
| Cape Haytien | Nov. 22 | 15,000 | 7 | | | | | | | | | |
| Cape Haytien | Nov. 29 | 15,000 | 5 | | | | | | | | | |
| Flushing | Dec. 6 | 13,200 | 9 | | | | | | | | | |
| Port Stanley and St. Thomas | Dec. 6 | 11,000 | 2 | | | | | | | 1 | | |
| Guelph | Dec. 14 | 10,173 | 4 | | | | | | | | | |
| Puerto Cabello | Nov. 29 | 10,000 | 8 | | | | | | | | | |
| Tuxpan | Dec. 6 | 9,000 | 6 | | | | | | | | | |
| Tampico | Dec. 9 | 9,000 | 11 | | | | | | | | | |
| Chatham, Ont | Dec. 13 | 8,730 | 4 | | | | | | | 1 | | |
| Puerto Plata | Dec. 6 | 4,100 | | | | | | | | | | |
| Coaticook | Dec. 13 | 3,800 | 2 | | | | | | | | | |
| Dunmore Town, Bahamas | Dec. 6 | 2,400 | 1 | | | | | | | | | |
| Puntarenas | Nov. 1 | 2,000 | 4 | | | | | | | | | |
| Puntarenas | Nov. 15 | 2,000 | 3 | | | | | | | | | |

OFFICIAL: JOHN B. HAMILTON,

*Supervising Surgeon-General, Marine-Hospital Service.*

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